Empowered by Innovation

NEC DISPLAY SOLUTIONS

PRODUCT OVERVIEW 2012

DESKTOP DISPLAYS | PUBLIC DISPLAYS | PROJECTORS

ECO INNOVATION

ECO SAFETY

REFERENCE

NEW IN THIS EDITION

NEW COLOUR MARKET DISPLAYS AND PUBLIC DISPLAY SOLUTIONS

NEC DISPLAY SOLUTIONS

PERFORMANCE YOU CAN TRUST

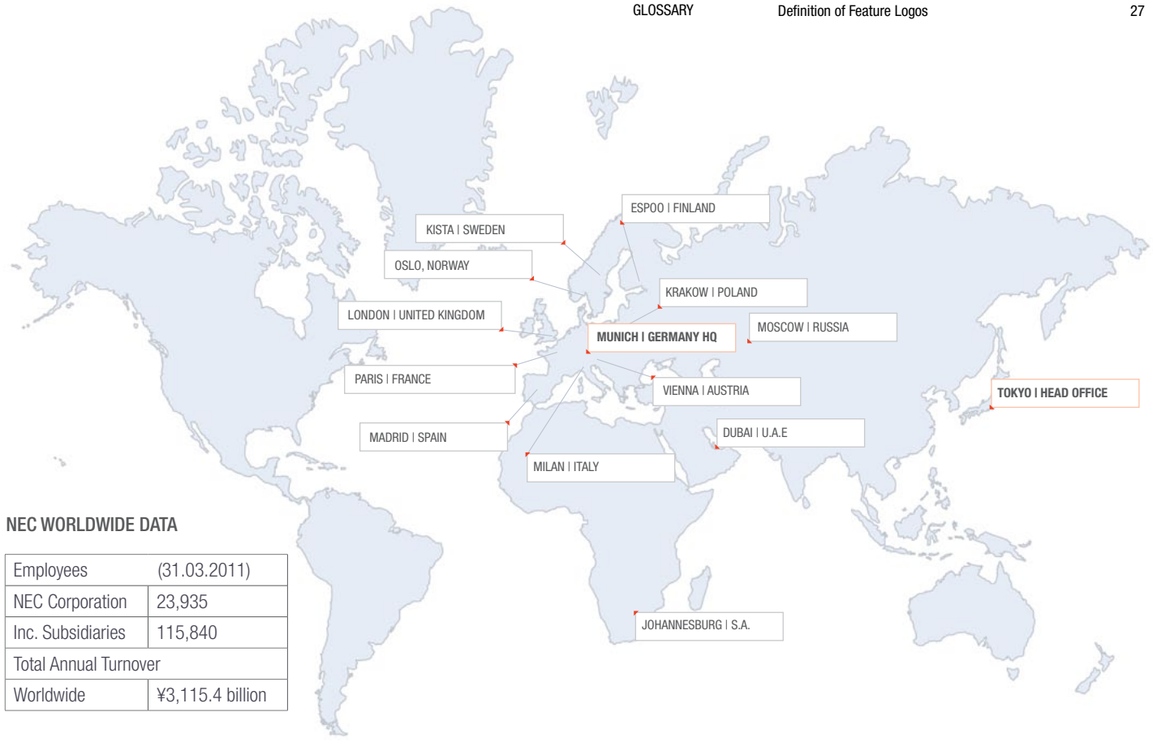
NEC stands for product quality and design perfection with a reputation for reliability and an enviable pan-European support infrastructure to back it up. Installing an NEC display means you can trust in our equipment and our company culture.

Designed for long term operation, NEC displays and projectors incorporate innovative designs, high quality panels and components and go through demanding quality assurance levels; displays ready for the most demanding mission critical applications, out of the box.

THE WIDEST PORTFOLIO OF DISPLAY SOLUTIONS OF ANY SUPPLIER

Today NEC boasts a comprehensive range of Desktop Displays, Public Displays and Projectors, with a model for almost any application from the largest venues or public places to offices and smaller classrooms.

NEC is one of the world's largest IT Companies, with the display division operating 13 local sales and support offices across Europe, Middle East and Africa.



NEC WORLDWIDE DATA

Employees	(31.03.2011)
NEC Corporation	23,935
Inc. Subsidiaries	115,840
Total Annual Turnover	
Worldwide	¥3,115.4 billion

CONTENTS	DESCRIPTION	PAGE
DESKTOP DISPLAYS		3
AS SERIES	Entry Level Commercial Displays	4
5 SERIES	Small Format Corporate / Retail Bespoke Display	4
E SERIES	Enterprise ECO Ergonomic Displays	5
EA SERIES	Advanced Enterprise ECO Ergonomic Displays	5
EX SERIES	Designer Styled ECO Modern Office Displays	5
90 SERIES	Critical Performance, Corporate Professional Series	6
P SERIES	Professional Performance Ergonomic Displays	6
PA SERIES	Professional Advanced Reference Displays	6
MD SERIES	Medical Reference Displays	6
SPECTRAVIEW	Colour Critical Reference Displays	7
NEC PUBLIC DISPLAYS		8
V SERIES	Entry Level Commercial Displays	9
P SERIES	Professional 24/7 Reference Displays	9
X SERIES	Designer, Videowall and Specialist Reference Displays	10
LCD8205	Super-sized Display	10
LED MODULES	Professional External and Internal LED Solutions	11
SPECIALIST	Medical, Colour, Protective Glass and Touch Displays	12
PD SOLUTIONS	Hiperwall and Field Analyst	14
PD OPTIONS	Various Options and Accessories for Public Displays	15
NEC PROJECTORS		18
LED L SERIES	Designer Mobile LED Projector	19
V SERIES	Value Range Standard and Wide Projectors	19
M SERIES	Multi-Purpose ECO Projectors	20
U SERIES	Ultra-Short-Throw 3D Ready Projectors	21
NP INSTALLATION	Professional Installation Projectors	22
P SERIES	Professional ECO Installation Projectors	22
PA SERIES	Professional Advanced High Bright Projectors	22
PX SERIES	Professional Extreme Performance 3 Chip Projectors	23
PH SERIES	Professional High End Projectors	23
NC SERIES	2K and 4K Digital Cinema Solutions	23
PROJECTOR OPTIONS	Various Options and Accessories for Projectors	24
NEC DISPLAYNOTE	DisplayNote Collaborative Learning Solution	25
SERVICE	NEC Service Options	25
GREEN VISION	NEC Green Vision Ecological Initiative	26
GLOSSARY	Definition of Feature Logos	27

With the widest range of Display Solutions on the market, NEC have a Desktop Display for almost any requirement. From mission critical, such as Finance, Medical or Publishing to ecological or commercial value and all backed by our three year manufacturer warranty.

This month we introduce a new LED Backlit SpectraView model for affordable Colour Critical Performance and we add a High Quality IPS Panel Display EA241WMi to our popular EA Series.

NEW RELEASES

SV232	23" PROFESSIONAL COLOUR DISPLAY, IDEAL FOR USERS WHO WILL NOT COMPROMISE ON COLOUR ACCURACY
EA244WMi	24", LED BACKLIT DISPLAY PANEL WITH IPS TECHNOLOGY, IDEAL FOR THE DEMANDING CORPORATE OFFICE

SERIES	POSITIONING	IDEAL APPLICATIONS
AS 5	COMMERCIAL ENTRY LEVEL	Corporates and Demanding Consumers where commercial performance to a price point is required.
E EA EX	COMMERCIAL ENTERPRISE	Corporate and Government Offices Performance Oriented Corporates and SMBs Corporates that demand Minimalist, Future Ready Style and Advanced Performance
90 P PA	PROFESSIONAL	Critical Performance Applications needing high image quality, innovation and rich features Professional Design Ready, Suited to CAD/CAM, Finance, Demanding Office and Industrial Applications Reference Standard Professional Applications including Creative, Semi-Medical, Precision Engineering and Demanding Offices
SV	COLOUR	Optimum Colour Management with Hardware Calibration for Colour Critical Requirements
MD	MEDICAL	DICOM prioritisation. Primary Diagnostics and meeting MDD-CE regulations, with complete QA Conformance

3 YEARS WARRANTY

ECO INNOVATION

DESKTOP DISPLAYS

	AS221WM	AS241WM	LCD175M
Order Code	60002791	60003295	60002795 / 60002794
Colour Versions	B	B	B / W
Panel Technology	TN / CCFL	TN / CCFL	TN / CCFL
Screen Size [inch / cm]	22.0 / 55.87	23.55 / 59.8	17.0 / 43.27
Aspect Ratio	16:10	16:9	5:4
Brightness (typ.) [cd/m²]	250	300	250
Contrast (typ.)	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	160 / 160	170 / 160	160 / 160
Response Time (typ. G to G) [ms]	5	5	5
Colours [Mio.]	16.77	16.77	16.77
Resolution at 60 Hz	1680 x 1050	1920 x 1080	1280 x 1024
Connectors	DVI-D, VGA	DVI-D, VGA	DVI-D, VGA
Power Use Max / ECO [W]	21 / 17	23 / 9	19 / 14
Power Saving Mode [W]	0.42	0.45	0.40
Internal Power Supply	●	●	●
Height Adjustable Stand [mm]	-	-	50
Other Ergonomics	Tilt	Tilt	Tilt
Bezel Width T - B / L - R [mm]	14.8 / 14.8	19.0 / 19.0	14.2 / 14.2
Dimensions with stand (W x H x D)	505.2 x 390.9 x 221.8	566.0 x 395.1 x 190.0	360.0 x 358.5 x 230.0
Weight with stand [kg]	5.0	5.3	5.2
EPEAT™	Silver	Silver	Gold / Silver
TCO	TCO 5.0	TCO 5.0	TCO 5.0

The Intelligent Display
that works only when you do
EX SERIES
A unique 'human sensor', powers the
EX Series on and off depending on the
viewer's presence.

AS SERIES

HIGH RESOLUTION
WIDE FORMAT
VALUE RANGE

22" W | 24" W

E SERIES

ECOLOGICAL
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT*
ERGONOMICS

20" W | 22" W | 23" W

EA SERIES

ECOLOGICAL
SUPERIOR IMAGE
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT*
ERGONOMICS

19" | 22" W | 23" W | 24" W
27" W

3 YEARS WARRANTY

ECO INNOVATION

EX SERIES

FUTURISTIC MINIMALIST
ECO LED BACKLIGHT
HUMAN SENSOR
OFFICE AND PROFESSIONAL
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT*
ERGONOMICS

20" | 23" W

Empowered by Innovation NEC

	E201W	E222W	E231W	EA191M	EA192M	EA223WM	EA224WMi
Order Code	60002820 / 60002818	60002785 / 60002784	60002932 / 60002933	60002456 / 60002455	60003064 /60003065	60003294 / 60003293	60003336 / 60003337
Colour Versions	B / W	B / W	B / W	B / W	B / W	B / W	B / W
Panel Technology	TN / W-LED	TN / CCFL	TN / W-LED	PVA / CCFL	TN / W-LED	TN / W-LED	IPS / CCFL
Screen Size [inch / cm]	20.0 / 50.8	22.0 / 55.9	23.0 / 58.42	19.0 / 48.2	19.0 / 48.2	22.0 / 55.9	21.5 / 54.61
Aspect Ratio	16:9	16:10	16:9	5:4	5:4	16:10	16:9
Brightness (typ.) [cd/m²]	250	250	250	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1500:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	170 / 160	170 / 160	178 / 178	170 / 160	170 / 160	178 / 178
Response Time (typ. G to G) [ms]	5	5	5	5	5	5	14
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1600 x 900	1680 x 1050	1920 x 1080	1280 x 1024	1280 x 1024	1680 x 1050	1920 x 1080
Connectors	DisplayPort, DVI-D, VGA	DVI-D, VGA	DisplayPort, DVI-D, VGA	DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, USB 1 Up 4 Down, VGA	DisplayPort, DVI-D, USB, HDMI, VGA
Power Use Max / ECO [W]	25 / 12	28 / 20	28 / 16	35 / 27	26 / 16	25 / 12	26 / 15
Power Saving Mode [W]	0.42	0.14	0.34	2.00	0.42	0.40	0.43
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	110	110	110	110	110	130	130
Other Ergonomics	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	16.0 / 16.0	16.0 / 16.0	19.2 / 19.2	14.9 / 14.9	14.9 / 14.9	15.8 / 13.9	15.8 / 14.7
Dimensions with stand (W x H x D)	447.0 x 359.3 x 213.9	507.8 x 384.5 x 213.9	550.1 x 381.8 x 213.9	408.0 x 383.5 x 220.0	408.0 x 386.4 x 213.9	503.5 x 384.0 x 218.0	507 x 370 x 218
Weight with stand [kg]	5.4	6.8	6.2	7.0	5.5	5.6	5.6
EPEAT™	Gold / Silver	Silver / Silver	Gold / Silver	Silver / Silver	Silver / Silver	Gold / Silver	Gold
TCO	TCO 5.0	TCO 5.0	TCO 5.0	TCO 03	TCO 5.1	TCO 5.2	TCO 5.2

	EA232WMi	EA243WM	EA244WMi	EA273WM	EX201W	EX231W	EX231Wp
Order Code	60003106 /60003105	60003158 / 60003157	60003414 / 60003409	60003154 / 60003153	60003152 /60003151	60002936 /60002937	60003150 /60003149
Colour Versions	B / W	B / W	B / W	B / W	B / W	B / W	B / W
Panel Technology	IPS / W-LED	TN / W-LED	IPS / W-LED	TN / W-LED	TN / W-LED	TN / W-LED	PVA / W-LED
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.13	24.1 / 61.13	27.0 / 68.6	20.0 / 50.8	23.0 / 58.42	23.0 / 58.42
Aspect Ratio	16:9	16:10	16:10	16:9	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	350	300	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	3000:1
Viewing Angle Hor / Vert [°]	178 / 178	160 / 160	178 / 178	160 / 160	160 / 160	170 / 160	178 / 178
Response Time (typ. G to G) [ms]	20	5	14	5	3.7	5	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1920 x 1080	1920 x 1200	1920 x 1200	1920 x 1080	1600 x 900	1920 x 1080	1920 x 1080
Connectors	DisplayPort, DVI-D, USB 1 Up 4 Down, VGA	DVI-D, HDMI, USB 1 Up 4 Down, DisplayPort, VGA	DVI-D, HDMI, USB 1 Up 4 Down, DisplayPort, VGA	DVI-D, HDMI, USB 1 Up 4 Down, DisplayPort, VGA	DisplayPort, USB 1 Up 1 Down, DVI-I	DisplayPort, USB 1 Up 1 Down, DVI-I	DisplayPort, USB 1 Up 1 Down, DVI-I
Power Use Max / ECO [W]	37 / 21	29 / 14	29 / 16	39 / 17	21 / 11	31 / 16	27 / 15
Power Saving Mode [W]	0.47	0.48	0.43	0.48	0.37	0.37	0.37
Internal Power Supply	●	●	●	●	-	-	-
Height Adjustable Stand [mm]	110	130	130	130	110	110	110
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	19.0 / 19.0	16.8 / 17.9	16.8 / 17.9	16.5 / 15.5	14.0 / 14.0	14.2 / 14.2	14.2 / 14.2
Dimensions with stand (W x H x D)	550.1 x 379.1 x 220.0	556.2 x 408.9 x 230.0	556.2 x 408.9 x 230.0	631.4 x 415.0 x 230.0	474.8 x 381.3 x 215.0	540.2 x 401.3 x 215.0	540.2 x 401.3 x 215.0
Weight with stand [kg]	7.5	7.0	7.6	7.2	3.5	4.2	4.2
EPEAT™	Gold / Silver	Gold / Gold	Gold / Gold	Gold / Gold	Gold / Silver	Gold / Silver	Gold / Silver
TCO	TCO 5.1	TCO 5.2	TCO 5.2	TCO 5.2	TCO 5.2	TCO 5.2	TCO 5.2

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

	2090UXi	2190UXp	P232W	P241W	PA241W	PA271W	PA301W
Order Code	60001659 / 60001658	60001850 / 60001849	60003324 / 60003337	60003163 / 60003162	60002697 / 60002696	60002925	60002926
Colour Versions	B / W	B / W	B / W	B / W	B / W	B	B
Panel Technology	S-IPS / CCFL	SPVA / CCFL	IPS / LED	IPS / CCFL	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL
Screen Size [inch / cm]	20.1 / 51.0	21.3 / 54.0	23.0 / 58.4	24.1 / 61.1	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6
Aspect Ratio	4:3	4:3	16:9	16:10	16:10	16:9	16:10
Colour Gamut AdobeRGB / NTSC [%]	-	-	76% / 72%	76% / 72%	107% / 102%	107% / 102%	107% / 102%
Brightness (typ.) [cd/m²]	280	300	250	360	360	300	350
Contrast (typ.)	700:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	7	6
Colours [Mio.]	16.77	16.77	16.77	16.77	1073	1073	1073
Resolution at 60 Hz	1600 x 1200	1600 x 1200	1920 x 1080	1920 x 1200	1920 x 1200	2560 x 1440	2560 x 1600
Connectors	DVI-D, DVI-I, VGA	DVI-D, DVI-I, VGA	DisplayPort, DVI-D, USB, VGA, HDMI	DisplayPort, 2 x DVI-D, VGA, USB 2 Up 3 Down	DisplayPort, 2 x DVI-D, VGA, USB 2 Up 3 Down	DisplayPort, 2 x DVI-D, USB 2 Up 3 Down	2 x DisplayPort, 2 x DVI-D, USB 2 Up 3 Down
Power Use Max / ECO [W]	50 / 36	60 / 43	29 / 18	95 / 36	95 / 45	117 / 58	155 / 90
Power Saving Mode [W]	1	1	0.43	1	1	1.4	1.7
Internal Power Supply	•	•	•	•	•	•	•
Height Adjustable Stand [mm]	150	150	150	150	150	150	150
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width [mm]	14.6	15.7	16.2	18.2	18.2	20.3	22.3
Dimensions with stand (W x H x D)	439.2 x 415.5 x 247.3	464.8 x 424.8 x 247.3	543.6 x 337.4 x 227.6	556.8 x 337.4 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	688.0 x 466.4 x 301.6
Weight with stand [kg]	9.7	10.7	9.2	10.6	10.6	13.6	18.8
TCO	TCO 03	TCO 03	TCO 5.2	TCO 03	TCO 5.0	TCO 03	TCO 03

90 SERIES

CRITICAL PERFORMANCE
SUPERIOR PANELS
ADVANCED ERGONOMICS

20" | 21"

P SERIES

SUPERIOR PANELS
HIGH RESOLUTION
ADVANCED CONNECTIVITY
DISPLAYPORT
ERGONOMICS

23" W | 24" W

PA SERIES

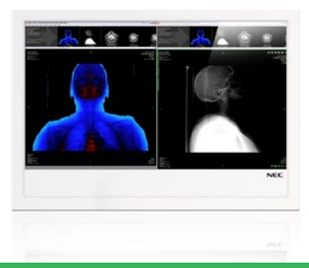
ULTIMATE PERFORMANCE
SUPERIOR IMAGE INC P-IPS
HIGH RESOLUTION
3D LOOK UP TABLES
DISPLAYPORT
ERGONOMICS

24" W | 27" W | 30" W

MEDICAL DISPLAYS

MD461OR OPERATING ROOM DISPLAY

DEDICATED OPERATING ROOM LARGE FORMAT DISPLAY SOLUTION WITH PROTECTIVE CABINET
46" LARGE FORMAT LCD WITH FULL HD RESOLUTION
FRONT SCREEN PROTECTION AGAINST DUST AND WATER
FULL CE-MDD CONFORMANCE



MDview 193	19", 1.3MP, Colour	Medical Review
MDview 202	20", 2MP, Colour	Medical Review
MDview 213	21", 2MP, Colour	Medical Review
MDview 232	23" Wide, 2.1MP, Colour	Medical Review
MDview 241	24" Wide, 2.3MP, Colour	Medical Review
MDview 271	27" Wide, 3.7MP, Colour	Medical Review
MD211G3	21", 3MP, Grayscale	Medical Diagnostic
MD215MG	21", 5MP, Grayscale	Mammography
MD212MC	21", 2MP, Colour	Medical Diagnostic
MD213MC	21", 3MP, Colour	Medical Diagnostic
MD301C4	30" Wide, 4MP, Colour	Medical Diagnostic

Please see the Medical Product Overview, or **www.medical.nec-display-solutions.com** for more information.

90 SERIES | P SERIES | PA SERIES PROFESSIONAL REFERENCE

SPECIALITY | MD MEDICAL

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

DESKTOP DISPLAYS

Empowered by Innovation NEC

	SV232	SV241	SV271
Order Code	60003161	60003330	6000XXXX
Colour Versions	B	B	B
Panel Technology	IPS / LED	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.1	27.0 / 68.5
Aspect Ratio	16:9	16:10	16:9
Colour Gamut AdobeRGB / NTSC [%]	76% / 72%	107% / 98%	107% / 98%
Brightness (typ.) [cd/m²]	250	360	300
Contrast (typ.)	1000:1	1000:1	1000:1
Hardware Calibration / Look Up Table	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit
Response Time (typ. G to G) [ms]	8	8	7
Colours [Mio.]	16.77	1073	1073
Resolution at 60 Hz	1920 x 1080	1920 x 1200	2560 x 1440
Connectors	DisplayPort, DVI-D, HDMI	DisplayPort, DVI-D, USB	DisplayPort, DVI-D, USB
Power Use Normal / ECO [W]	29 / 18	95 / 56	117 / 58
Power Saving Mode [W]	1	1	1.4
Internal Power Supply	•	•	•
Height Adjustable Stand [mm]	150	150	150
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width [mm]	16.2	18.2	20.3
Dimensions with stand (W x H x D)	543.6 x 338.0 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5
Weight with stand [kg]	9.2	10.6	13.6
TCO	TCO 5.2	TCO 5.0	TCO 03

	SV Ref241	SV Ref271	SV Ref301
Order Code	60002993	60002992	60002929
Colour Versions	B	B	B
Panel Technology	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL	10 Bit P-IPS / CCFL
Screen Size [inch / cm]	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6
Aspect Ratio	16:10	16:9	16:10
Colour Gamut AdobeRGB / NTSC [%]	107% / 102%	107% / 102%	107% / 102%
Brightness (typ.) [cd/m²]	360	300	350
Contrast (typ.)	1000:1	1000:1	1000:1
Hardware Calibration / Look Up Table	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit
Response Time (typ. G to G) [ms]	8	7	7
Colours [Mio.]	1073	1073	1073
Resolution at 60 Hz	1920 x 1200	2560 x 1440	2560 x 1600
Connectors	DisplayPort, 2 x DVI-D, Analog, USB 2 Up 3 Down	DisplayPort, 2 x DVI-D, USB 2 Up 3 Down	2 x DisplayPort, 2 x DVI-D, USB 2 Up 3 Down
Power Use Normal / ECO [W]	95 / 45	117 / 58	155 / 90
Power Saving Mode [W]	1	1.4	1.7
Internal Power Supply	•	•	•
Height Adjustable Stand [mm]	150	150	150
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width [mm]	18.2	20.3	22.3
Dimensions with stand (W x H x D)	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	688.0 x 465.0 x 302.0
Weight with stand [kg]	10.6	13.6	18.8
TCO	TCO 5.0	TCO 03	TCO 03

COLOUR DISPLAYS

SPECTRAVIEW® COLOUR CRITICAL DISPLAYS

The perfect choice for creative professionals. SpectraView® LCDs with the latest P-IPS panel technology are hand-picked to meet the highest standards for professional applications.

Brilliant picture quality for accurate colour reproduction, precise calibration options with SpectraView® Profiler 5.0 software, Picture in Picture, Integrated USB hub, Backlight Ageing Correction, Wide Colour Gamut, 3D LUT Colour Space Emulation, integrated gamma correction and optimum ergonomics thanks to 150 mm height adjustment.

www.spectraview.nec-display-solutions.com

SV REFERENCE SERIES®

COLOUR CRITICAL
10 BIT P-IPS PANELS, 3D LOOK UP TABLES
WIDE COLOUR GAMUT
OVER 1 BILLION COLOURS
HARDWARE CALIBRATION

24" W | 27" W | 30" W

ALL SV REFERENCE DISPLAYS INCLUDE A HOOD AND COLOUR CALIBRATION SOFTWARE

REFERENCE | 0* PIXEL DEFECT | 3 YEARS WARRANTY | 5 YEARS OPTION

SPECTRAVIEW® COLOUR REFERENCE

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

* SV Reference Models Only

SERIES	POSITIONING	IDEAL APPLICATIONS
V	ENTRY LEVEL COMMERCIAL	Commercial Grade, Highly Featured Large Format Displays that are ideal for Corporate, Retail and Non Mission Critical Applications
P	PROFESSIONAL 24/7 REFERENCE	'Reference Standard' Displays that combine High Quality Panels, with Advanced Heat Management and Powerful OSD Features that make them ideal for Business Critical Applications in Transportation, Retail, Finance, Corporate and Medical
X	SPECIALIST 24/7 REFERENCE	A range of Application-Driven Displays that include 24/7 'Reference Standard 'Videowall Displays and Slim-Slim, Stylish Displays for prestigious installations in Corporates and Transportation. Models also include High Brightness and a Bar Type Half Profile Display for use in restricted spaces.

As a world leading name in Digital Signage, NEC displays are installed in some of the most challenging and highly visited locations and venues across the world. From 24/7 LED Backlit Displays for Performance Critical Applications to High Performance Value Ranges and Reference Options, NEC lead the market for Signage Solutions you can Trust.

Backed by a unique combination of Pan European Service and an established Partner Network throughout Europe, Middle East and Africa, NEC are committed to ensuring that your signage installations are a success from the day of installation and throughout their reasonable life-cycle. NEC are the first choice of users that regard performance and consistency as essential.

10 YEARS OF NEC LCD PD

Ten years ago Digital Signage was virtually non-existent, today, enter any Public or Corporate venue and you are likely to encounter a multitude of signage that informs, attracts and engages you. A major step in this growth was the launch of our 'World's first' LCD Public Display in 2002 and the constant flow of innovations over the last decade that have made NEC the leading name in Large Format Display Solutions.

We enter 2012 ready for a new decade of innovation; Displays with improved performance, but less power consumption, Intelligent viewer-driven content, in-built multiple-device expansion and ever slimmer profiles. Throughout this journey one thing remains the same, whether it is 2002 or 2022, NEC is the name to trust for your Digital Signage installations.

NEW RELEASES

SV552 — THE FIRST COLOUR ACCURATE LARGE FORMAT PUBLIC DISPLAY, IDEAL FOR CREATIVE PROFESSIONALS IN THE DESIGN, TEXTILE, VIRTUAL IMAGING OR REALTIME MODELLING MARKET SEGMENTS

	V321	V322	V422	V462	V551	V651
Order Code	60002699	60003306	60003168	60003169	60003170	60003147
Panel Technology / Backlight	S-PVA / CCFL	S-PVA / CCFL	S-IPS / CCFL	S-PVA / CCFL	S-PVA / CCFL	AMVA3 / CCFL
Screen Size [inch / cm]	31.5 / 80	31.5 / 80	42 / 106.68	46 / 117	55 / 140	65 / 164
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.511	0.511	0.485	0.530	0.630	0.744
Brightness (Max.) [cd/m²]	450	450	500	450	450	500
Contrast (typ.)	3000:1	3000:1	1300:1	3000:1	3000:1	5000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time grey-grey (typ.) [ms]	8	8	10	8	8	8
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77
Native Resolution at 60 Hz	1366 x 768	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI®, VGA	DisplayPort, DVI-D, HDMI®, VGA	DVI-D, HDMI®, VGA DisplayPort, S-Video,	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video
RGBHV, PC + Component/Composite	-	-	1	1	1	1
Slot-In Option	-	STv2	STv1 or STv2	STv1 or STv2	STv1 or STv2	STv1 or STv2
Power Use Normal [W]	76	88	155	165	260	330
Power Saving Mode [W]	<2	<1	<1	<1	<1	<1
Power Management VESA DPMS	•	•	•	•	•	•
Dimensions (W x H x D) [mm]	789 x 476 x 133	787 x 476 x 94	1023 x 614 x 106	1122 x 769 x 107	1318 x 776 x 119	1540 x 909 x 119
Weight [kg]	14.3	12.1	22.0	25.3	38.0	54.0
Bezel Width T - B / L - R [mm]	44.2 / 40.5	40.3 / 43.2	43.3 / 44.2	45.0 / 50.4	52.1 / 45.6	50.5 / 53.5
Integrated Speakers	-	2 x 8W	2 x 10W	2 x 10W	2 x 10W	2 x 10W
Energy Star	•	•	•	•	•	•

3 YEARS WARRANTY

V SERIES

COMMERCIAL GRADE
AFFORDABLE QUALITY
DISPLAYPORT, HDMI®
FULL HD MODELS

32" | 42" | 46" | 55" | 65"

	P402	P462	P552	P702
Order Code	60003171	60003172	60003173	60003326
Panel Technology / Backlight	S-PVA / CCFL	S-PVA / CCFL	S-PVA / CCFL	S-PVA / CCFL
Screen Size [inch / cm]	40 / 102	46 / 117	55 / 139	70 / 178
Aspect Ratio	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.461	0.53	0.63	0.807
Brightness (Max.) [cd/m²]	700	700	700	600
Contrast (typ.)	3000:1	3500:1	4000:1	2000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time grey-grey (typ.) [ms]	8	8	8	8
Colours [Mio.]	16.77	16.77	16.77	16.77
Native Resolution at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video
RGBHV, PC + Component/Composite	1	1	1	1
Slot-In Option	STv1 or STv2	STv1 or STv2	STv1 or STv2	STv1 or STv2
Power Use Normal [W]	145	155	255	545
Power Saving Mode [W]	<1	<1	<1	<1
Power Management VESA DPMS	•	•	•	•
Dimensions (W x H x D) [mm]	920 x 532 x 103	1055 x 609 x 103	1250 x 721 x 125.4	1682 x 1004 x 198
Weight [kg]	20.8	23.8	40	96
Bezel Width T - B / L - R [mm]	15.5 / 15.5	16.5 / 16.5	18.5 / 18.5	63.4 / 62.4
Integrated Speakers	2 x 10W	2 x 10W	2 x 10W	2 x 10W
Energy Star	•	•	•	-

3 YEARS WARRANTY

REFERENCE

P SERIES

24/ 7 REFERENCE PERFORMANCE
THIN BEZEL, FULL HD
SUPERIOR PANELS
ADVANCED HEAT MANAGEMENT
DISPLAYPORT, HDMI®

40" | 46" | 55" | 70"

V SERIES ENTRY LEVEL COMMERCIAL **P SERIES** PROFESSIONAL REFERENCE

FOR MORE DETAILED INFORMATION: PLEASE VISIT WWW.NEC-DISPLAY-SOLUTIONS.COM

	X462HB	X461UNV	X463UN	X551UN	LCD8205
Order Code	60003174	60003055	60003302	60003146	60002612
Panel Technology / Backlight	S-PVA / CCFL	S-PVA / CCFL	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / CCFL
Screen Size [inch / cm]	46 / 117	46 / 117	46 / 117	55 / 139	82 / 207
Aspect Ratio	16:9	16:9	16:9	16:9	16:9
Pixel Pitch [mm]	0.746	0.746	0.746	0.63	0.941
Brightness (Max.) [cd/m²]	1500	450	700	700	600
Contrast (typ.)	3500:1	3000:1	3500:1	4000:1	2000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time grey-grey (typ.) [ms]	8	8	8	8	8
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77
Native Resolution at 60 Hz	1920 x 1080	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-I, HDMI®, S-Video, VGA
RGBHV, PC + Component/Composite	1	1	1	1	-
Slot-In Option	STv1	STv1	STv1 or STv2	STv1 or STv2	-
Power Use Normal [W]	320	125	120	190	680
Power Use Savings Mode [W]	<1	<1	<1	<1	<15
Power Management VESA DPMS	•	•	•	•	•
Dimensions (W x H x D) [mm]	1055 x 609 x 140	1026 x 579 x 128	1024 x 577 x 118	1215 x 686 x 128	1926 x 1137 x 147.5
Weight [kg]	31	26.8	24.3	36.4	132
Bezel Width [mm]	16.5 / 17.0	2.4 T/L 4.3 B/R	1.9 T/L 3.8 B/R	1.8 T/L 13.7 B/R	59
Integrated Speakers	-	-	-	-	-
Energy Star	•	•	•	•	-

REFERENCE

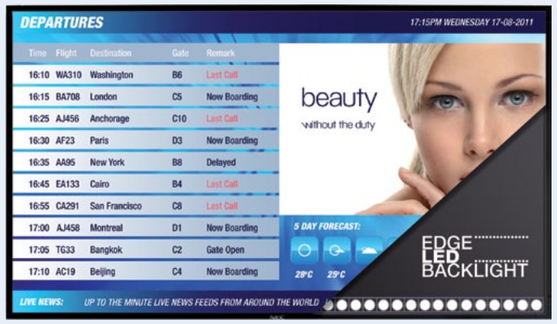
3 YEARS WARRANTY

LED Backlit LCD

XUN SERIES

VALUE AND REFERENCE MODELS
24/7 TRUSTED PERFORMANCE
DIRECT LED BACKLIGHTING
DISPLAYPORT, HDMI®
ADVANCED HEAT MANAGEMENT

46" | 55"


DEPARTURES
17:15PM WEDNESDAY 17-08-2011
Time Flight Destination Gate Remark
16:10 WA310 Washington B6 Last Call
16:15 BA708 London C5 Now Boarding
16:25 AJ456 Anchorage C10 Last Call
16:30 AF23 Paris D3 Now Boarding
16:35 AA95 New York B8 Delayed
16:45 EA133 Cairo B4 Last Call
16:55 CA291 San Francisco C8 Last Call
17:00 AJ458 Montreal D1 Now Boarding
17:05 TG33 Bangkok C2 Gate Open
17:10 AC19 Beijing C4 Now Boarding
beauty
without the duty
5 DAY FORECAST:
29°C 29°C
EDGE LED BACKLIGHT
LIVE NEWS:
UP TO THE MINUTE LIVE NEWS FEEDS FROM AROUND THE WORLD

LED Backlit LCD

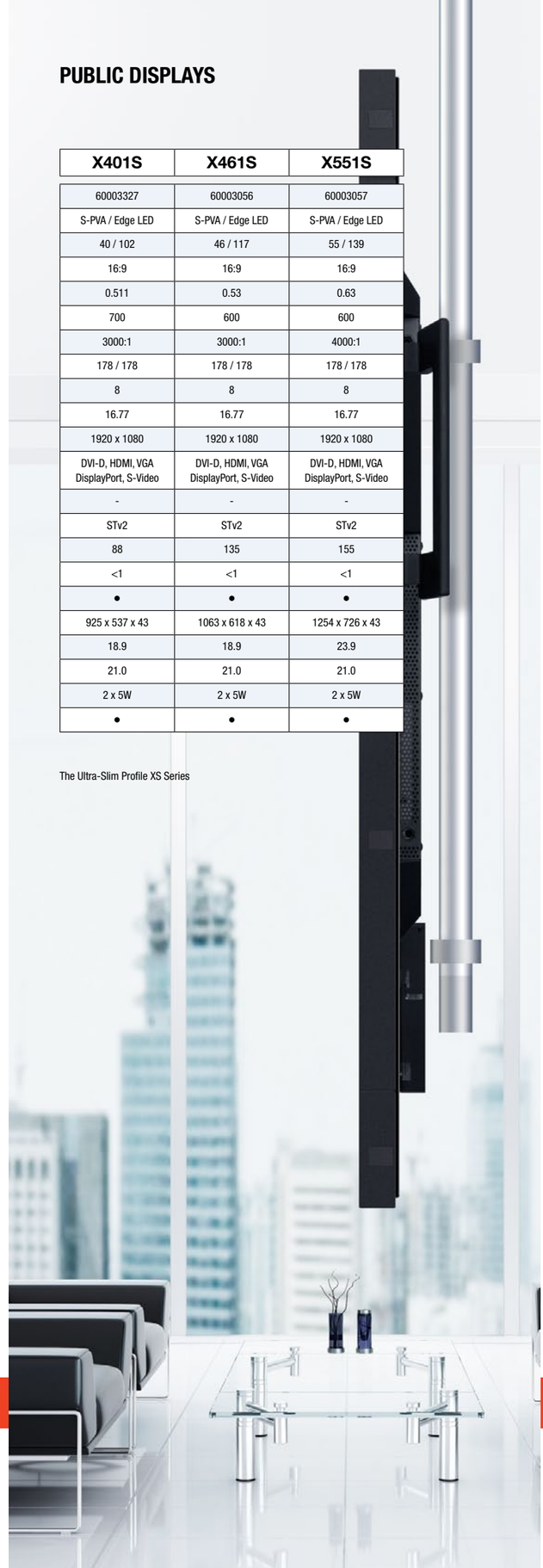
XS SERIES

SLIM - SLIM ELEGANT DESIGN
24/7 REFERENCE PERFORMANCE
EDGE LED BACKLIGHTING
DISPLAYPORT, HDMI®
ULTRA LIGHT WEIGHT
40% LESS POWER CONSUMPTION

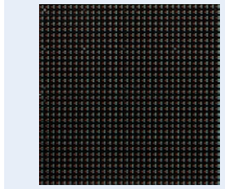
46" | 55"

X401S	X461S	X551S
60003327	60003056	60003057
S-PVA / Edge LED	S-PVA / Edge LED	S-PVA / Edge LED
40 / 102	46 / 117	55 / 139
16:9	16:9	16:9
0.511	0.53	0.63
700	600	600
3000:1	3000:1	4000:1
178 / 178	178 / 178	178 / 178
8	8	8
16.77	16.77	16.77
1920 x 1080	1920 x 1080	1920 x 1080
DVI-D, HDMI, VGA DisplayPort, S-Video	DVI-D, HDMI, VGA DisplayPort, S-Video	DVI-D, HDMI, VGA DisplayPort, S-Video
-	-	-
STv2	STv2	STv2
88	135	155
<1	<1	<1
•	•	•
925 x 537 x 43	1063 x 618 x 43	1254 x 726 x 43
18.9	18.9	23.9
21.0	21.0	21.0
2 x 5W	2 x 5W	2 x 5W
•	•	•

The Ultra-Slim Profile XS Series



Empowered by Innovation NEC



LED MODULES

INDOOR AND OUTDOOR
6MM AND 15MM PITCH
IP2 AND IP65
NICHIA LAMPS
SERVICE SOLUTIONS

50 x 50CM MODULES

	LED06AF1	LED15BF1
Order Code	60003000	60003001
Pixel Configuration	3-in-1 SMD (Black)	1R/1G/1B Through-Hole
Number of Pixel per Tile [dot]	80 x 80	32 x 32
Number of Pixel per m²	160 x 160	64 x 64
Pixel Pitch [mm]	6.25	15.625
Brightness (typ.) [cd/m²]	2000	7500
Contrast Ratio (typ.)	3500:1	4500:1
Viewing Angle Hor / Vert [°]	±75 / ±70	±70 / +15 to -30
Colour Processing	14 bit	16 bit
Dimming Capability	64 level	64 level
Gamma Correction	1.8/2.0/2.2 / 2.4	1.8/2.0/2.2 / 2.4
Colour Temperature [K]	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300
Refresh Rate	> 800 Hz	> 800 Hz
Digital Inputs	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out
Power Use on Mode [W]	235W (Full White); 78% 50% grey level)	235W (Full White); 78% 50% grey level)
Dimensions (W x H x D) [mm]	500 x 500 x 170	500 x 500 x 170
Weight [kg]	12.5	14.0
IP Level	IP2	IP65
Life Time [hours]	> 100,000	> 100,000

	VD1
Video Input Connection	DVI-D
Optimum Resolution	1024 x 768 at 60Hz
Output Connectors	DVI-D x 8 with RS-422 control for LED modules DVI-D x 1 for cascade connection of video distributor
Dimensions W x H x D [mm]	480 x 98 x 325
Weight [kg]	4.6
Power Use on Mode [W]	15
Operating Temperature [°C]	-20 to 40
Operating Humidity [%]	10 to 90
Storage Temperature [°C]	-30 to 60
Storage Humidity [%]	10 to 90

SPECIALIST DISPLAYS

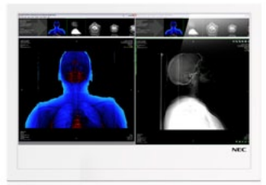
	MD461OR	SV552
Order Code	60003326	60003403
Panel Technology / Backlight	S-PVA / CCFL	S-PVA / CCFL
Screen Size [inch / cm]	46 / 117	55 / 139
Aspect Ratio	16:9	16:9
Pixel Pitch [mm]	0.53	0.63
Brightness (Max.) [cd/m²]	700	700
Contrast (typ.)	3500:1	3500:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178
Response Time grey-grey (typ.) [ms]	8	8
Colours [Mio.]	16.77	16.77
Native Resolution at 60 Hz	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI®, VGA DisplayPort, S-Video	DVI-D, HDMI®, VGA DisplayPort, S-Video
RGBHV, PC + Component/Composite	1	1
Slot-In Option	STv1 or STv2	STv1 or STv2
Power Use Normal [W]	155	255
Power Saving Mode [W]	<1	<1
Power Management VESA DPMS	●	●
Dimensions (W x H x D) [mm]	1055 x 609 x 103	1250 x 721 x 125.4
Weight [kg]	23.8	40
Bezel Width T - B / L - R [mm]	16.5 / 16.5	18.5 / 18.5
Integrated Speakers	2 x 10W	2 x 10W
Conformance	CE-MDD, Energy Star	Energy Star

MD461OR

OPERATING ROOM DISPLAY

Dedicated Operating Room Large Format Display Solution with Protective Cabinet.

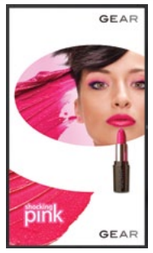
46" LARGE FORMAT LCD
FULL HD RESOLUTION
FRONT SCREEN PROTECTION
AGAINST DUST AND WATER
FULL CE-MDD CONFORMANCE



SV552

COLOUR CRITICAL DISPLAY

The SpectraView 552 is the first colour certified large format public display. The 24/7 proof screen is equipped with a rich and unparalleled feature set, completed by an abundance of interfaces for applications demanding accurate colour reproduction.



PROTECTIVE GLASS SOLUTIONS

NEC protective glass displays offer flexible installation combined with industry leading, heavy duty performance. Effective protection of the LCD panel is assured with 4mm hardened safety glass and anti-reflection coating.

PROTECTIVE GLASS DISPLAYS

	V322 PG	P402 PG	P462 PG	P552 PG	X401S PG	X461S PG	X551S PG
Order Code	60003439	60003253	60003254	60003254	60003437	60003434	60003430
Integrated Display	V322	P402	P462	P552	X401S	X461S	X551S
Panel Technology / Backlight	S-PVA with CCFL backlights	S-PVA with CCFL backlights	S-PVA with CCFL backlights	S-PVA with CCFL backlights	S-PVA with Edge LED Backlights	S-PVA with Edge LED Backlights	S-PVA with Edge LED Backlights
Aspect Ratio	16:9	16:9	16:9	16:9	16:9	16:9	16:9
Brightness (max) [cd/m²]	450	700	700	700	600	600	600
Contrast Ratio (typ.)	3000:1	3000:1	3500:1	4000:1	3000:1	3000:1	4000:1
Viewing Angle Hor / Ver	178/178	178/178	178/178	178/178	178/178	178/178	178/178
Glass type	Security Glass with anti-reflection coating	Security Glass with anti-reflection coating	Security Glass with anti-reflection coating	Security Glass with anti-reflection coating	Security Glass with anti-reflection coating	Security Glass with anti-reflection coating	Security Glass with anti-reflection coating
Thickness [mm]	4	4	4	4	4	4	4
Native Resolution at 60 Hz	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Slot-In Option	STv2	STv1 or STv2	STv1 or STv2	STv1 or STv2	STv2	STv2	STv2
Power Consumption on Mode (W)	88 typical; 190 (max.)	145 typical; 310 (max.)	155 typical; 315 (max.)	255 typical; 410 (max.)	120 typical; 250 (max.)	135 typical; 230 (max.)	155 typical; 250 (max.)
Power Saving Mode (W)	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1
Power Management VESA DPMS	●	●	●	●	●	●	●
Dimensions without stand (W x H x D)	787 x 476 x 99	919.7 x 532 x 111	1,055.4 x 608.6 x 111	1,250.2 x 721 x 133.4	925 x 537 x 48	1063 x 618 x 48	1254 x 726 x 48
Weight without stand (kg)	15.7	25.6	30.6	44	24.4	25.5	33
Bezel Width T-B / L-R (mm)	40.3 / 43.2	15.5 / 15.5	16.5 / 16.5	18.5 /18.5	18 / 18	21 / 21	21 / 21
Integrated Speakers	-	-	-	-	2 x 5W	2 x 5W	2 x 5W
Energy Star	●	●	●	●	●	●	●

TOUCH ENABLED DISPLAYS

	P402 DST	P462 DST	P552 DST	V322 DST
Order Code	60003304	60003305	60003378	60003575
Integrated Display	P402	P462	P552	V321
Screen Size (inch / cm)	40 / 102	46 / 117	55 / 138.8	32 / 80
Brightness (shipping) [cd/m²]	450, (600 max)	450, (600 max)	450, (600 max)	340. (420 max)
Contrast (typ.)	3000:1	3500:1	4000:1	3000:1
Native Resolution at 60 Hz	1920 x 1080	1920 x 1080	1920 x 1080	1366 x 768
Slot-In Option	STv1 or STv2	STv1 or STv2	STv1 or STv2	STv2
Power Consumption on Mode (W)	255 shipping; 412 (max.)	255 shipping; 412 (max.)	255 shipping; 412 (max.)	90 shipping; 192 (max.)
Power Saving Mode (W)	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1
Power Management VESA DPMS	●	●	●	●
Dimensions without stand (W x H x D)	919.7 x 532 x 110	1,055.4 x 608.6 x 110	1,250.2 x 721 x 132.4	786.8 x 476.2 x 100.5
Weight without stand (kg)	24	28	49.5	14.1
Bezel Width T-B / L-R (mm)	15.5 / 15.5	16.5 / 16.5	16.5 / 16.5	40.3 / 43.2
Protection Glass	Chemically-strengthened glass substrate	Chemically-strengthened glass substrate	Chemically-strengthened glass substrate	Chemically-strengthened glass substrate
Input Method	Finger; Stylus; Gloves	Finger; Stylus; Gloves	Finger; Stylus; Gloves	Finger; Stylus; Gloves
Light Transmission [%]	92 (+/-2%)	92 (+/-2%)	92 (+/-2%)	92 (+/-2%)
Reflection Rate [%]	Anti-glare tech (low reflection)	Anti-glare tech (low reflection)	Anti-glare tech (low reflection)	Anti-glare tech (low reflection)
Driver	MicroTouch MT7 for MicroTouch DST driver for Microsoft®; Windows 7; Windows®2000/ XP/VISTA; HID-compliant	MicroTouch MT7 for MicroTouch DST driver for Microsoft®; Windows 7; Windows® 2000/XP/VISTA; HID-compliant	MicroTouch MT7 for MicroTouch DST driver for Microsoft®; Windows 7; Windows® 2000/XP/VISTA; HID-compliant	MicroTouch MT7 for MicroTouch DST driver for Microsoft®; Windows 7; Windows® 2000/XP/VISTA; HID-compliant
Communication Protocol	USB-HID	USB-HID	USB-HID	USB-HID

	V462 TM	V651 TM
Order Code	60003400	60003401
Integrated Display	V462	V651
Panel Technology / Backlight	S-PVA with CCFL backlights	AMVA3 with CCFL backlights (landscape orientation only)
Screen Size (inch / cm)	46 / 117	65 / 164
Brightness (shipping) [cd/m²]	350, (450 max)	370, (500 max)
Contrast (typ.)	3000:1	5000:1
Native Resolution at 60 Hz	1920 x 1080	1920 x 1080
Slot-In Option	STv1 or STv2	STv1 or STv2
Power Consumption on Mode (W)	165 shipping; 500 (max.)	330 shipping; 500 (max.)
Power Saving Mode (W)	< 0.5 (ECO Standby); < 1	< 0.5 (ECO Standby); < 1
Power Management VESA DPMS	●	●
Dimensions without stand (W x H x D)	1,121.5 x 664.7 x 120	1,540.4 x 909.2 x 118.9
Weight without stand (kg)	33.4	73.5
Bezel Width T-B / L-R (mm)	45 / 50.4	50.5 / 73.5
Energy Star	●	●
Touch technology	Optical Camera with 4 Cameras	Optical Camera with 4 Cameras
Protection Glass	6 mm, double sided anti-reflection, fully tempered	6 mm, double sided anti-reflection, fully tempered
Touch Points / Events	up to 6 simultaneous (max. 4 drag points)	up to 6 simultaneous (max. 4 drag points)
Input Method	Finger; Stylus; Gloves	Finger; Stylus; Gloves
Light Transmission [%]	96	96
Reflection Rate [%]	2	2
Driver	1 touch point: Windows XP; Mac OS 6 touch points: Windows 7 Professional; Windows Vista; Linux	1 touch point: Windows XP; Mac OS 6 touch points: Windows 7 Professional; Windows Vista; Linux
Communication Protocol	USB-HID; RS323	USB-HID; RS323

SINGLE POINT AND MULTI-TOUCH DISPLAYS

The MultiSync® P Series DST and TM versions follow the tradition of NEC's professional Public Display line. Certified for long periods of operation, the screen is equipped with a rich and unparalleled feature set, completed by an abundance of interfaces no other product on the market can match.

The DST version of P Series and the TM version of V Series are the perfect are the perfect touch solution when a reliable and robust touch application is called for. In combination with NEC Slot-In PCs it is a clean looking and almost cable-less solution.

An ideal solution for interactive applications requiring Multi touch: interactive retail signage and usage as an interactive public display whiteboard in education as well as corporate meetings.

HIPERWALL VIDEOWALL SOLUTION

Videowall Content and Source Management

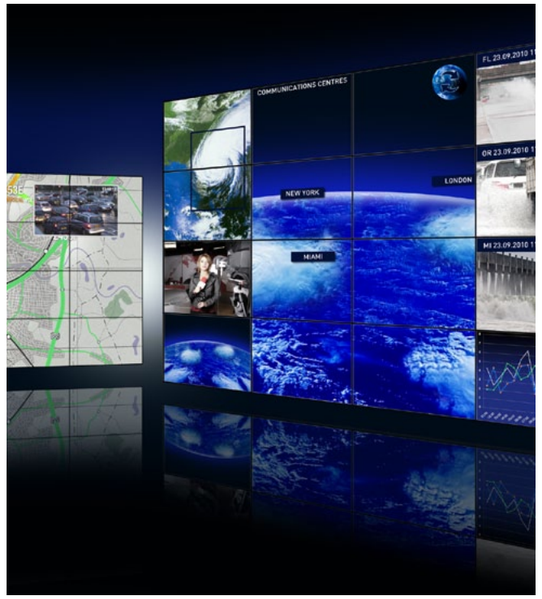
Hiperwall is an ultra high resolution software package for an endless number of displays which is scalable in size and eliminates costly servers, matrix switches and distributors.

It enables customers to connect an infinite number of sources to a videowall and freely determine size and position of this content.

Hiperwall also provides advanced capabilities like zoom, rotation, shading and transparency, enabling users to examine content with increased flexibility and effectiveness. Content can be saved as environments and restored on demand, grouped into slideshows, or scheduled to appear at the present time.

APPLICATIONS AND USAGES

It is ideal for multiple applications, including Command & Control Centres, Public Safety, Aerial Surveillance, Military Operations, Scientific Imaging, Trading Floors, Fleet Management, Manufacturing Control Systems, Medical Imaging and Digital Signage.



NEC FIELDANALYST

Anonymous Video Analytics (AVA)

FieldAnalyst is a software solution which automatically detects human faces from images captured by video cameras, and estimates the number of visitors and exits, gender and age group, which are digitalized for output in real time.

The software collects and processes this information for marketing analysis or real-time effective advertising using digital signage. FieldAnalyst enables you to automatically conduct various marketing analysis that have relied on human work until now. The advantages of this NEC solution are speed, accuracy and the ability to integrate into other real-time analysis or reaction based solutions.

APPLICATIONS AND USAGES

FieldAnalyst is an ideal solution that meets the needs of multiple target usages including Digital Signage and DOOH, Retail and Leisure Applications. It is an integrated or stand-alone tool that can be used for Real-Time Marketing Information, Real-Time Detection & Tracking and Real-Time Classification.

Empowered by Innovation NEC

MOUNTING SOLUTIONS WALL MOUNTS

WALL MOUNT v PD MODEL		X461UNV	X462UN	X463UN	X551UN	X462HB	X401S	X461S	X551S	P402	P462	P552	P702	V321	V322	V422	V462	V551	V651	LCD8205
WALL MOUNTS	ORDER CODE	COMPATIBILITY																		
PDW 32-70 L+P	100012555	○	○	○	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	-
PDW S 32-55 L	100012666	○	○	○	○	○	●	●	●	●	●	●	-	●	●	●	●	●	-	-
PDW S 32-55 P	100012665	○	○	○	○	○	●	●	●	●	●	●	-	●	●	●	●	●	-	-
PDWP MB 40 L	100013089	-	-	●	-	-	-	●	-	●	-	-	-	-	-	-	-	-	-	-
PDWP MB 40 P	100013088	-	-	-	-	-	●	-	-	●	-	-	-	-	-	-	-	-	-	-
PDWP MB 46 L	100013091	-	-	-	-	-	●	-	-	-	●	-	-	-	-	-	-	-	-	-
PDWP MB 46 P	100013090	-	-	●	-	-	-	●	-	-	●	-	-	-	-	-	-	-	-	-
PDWXS 46 55 L	100012829	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-
PDWXS 46 55 P	100012830	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-
PDW 82 L+P	100012463	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●
VIDEOWALL MOUNTS	ORDER CODE	COMPATIBILITY																		
PDVWXUN 2x2 46 L	100012476	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VWXUN 2x2 46 L	100013131	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 2x2 55 L	100013001	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 46 L	100012475	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VWXUN 46 L	100012994	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 46 P	100012481	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 55 L	100012784	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 55 P	100012783	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVW MFS 46 55 L	100012730	●	●	●	●	●	-	●	●	-	●	●	-	-	-	-	○	○	-	-
PDVW MFS 46 55 P	100012915	●	●	●	●	●	-	●	●	-	●	●	-	-	-	-	○	○	-	-
PD02VW MFS 46 55 L	100013100	●	●	●	●	●	-	●	●	-	●	●	-	-	-	-	-	-	-	-
PD02VW MFS 46 55 P	100013099	●	●	●	●	●	-	●	●	-	●	●	--	-	-	-	-	-	-	-
PDVWXUN easyHook 55L	100013102	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN CX 46 L	100012763	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN AFS 46 L	100012474	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
easyFrame X46UN	Sold as Kits	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
easyFrame02 X46UN	Sold as Kits	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
easyFrame X55UN	Sold as Kits	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

●	Perfect Compatibility
○	Compatibility is Possible
-	Not Compatible

VIDEOWALL ACCESSORIES		X461UNV	X462UN	X463UN	X551UN
ACCESSORY	ORDER CODE				
KT-46UN-OF	100012478	●	●	-	-
KT-46UN-OF2	100012993	-	-	●	-
KT-55UN-OF	100012785	-	-	-	●
REMOTE CONTROL KIT (RC)	100012479	●	●	●	●
CALIBRATION KIT (KT-X46UN-CC)	100012942	●	●	●	●

PUBLIC DISPLAY OPTIONS

SPEAKER COMPATIBILITY

SPEAKER v MODEL		X461UNV	X462UN	X463UN	X551UN	X462HB	X401S	X461S	X551S	P402	P462	P552	P702	V321	V322	V422	V462	V551	V651	LCD8205
SPEAKER	ORDER CODE	COMPATIBILITY																		
SP-4046PV	100012831	-	-	-	-	-	-	-	-	●	●	-	-	-	-	●	●	-	-	-
SP-RM1	100012663	-	-	●	●	●	-	○	○	-	○	○	●	-	-	○	○	○	○	-
SP-RM2	100012728	-	-	-	-	-	●	-	-	-	-	-	-	●	-	-	-	-	-	-
SP-3215	100012313	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-
SP-PXS55 SM	100013057	-	-	-	-	-	-	-	●	-	-	●	-	-	-	-	-	-	-	-
Speakers Built-In		-	-	-	-	-	●	●	●	●	●	●	-	-	●	●	●	●	●	-
No Speaker Option		●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●

●	Available Now
○	Integrated, bulge from surface of back cover
-	Not Compatible

FEET COMPATIBILITY

FEET v MODEL		X461UNV	X462UN	X463UN	X551UN	X462HB	X401S	X461S	X551S	P402	P462	P552	P702	V321	V322	V422	V462	V551	V651	LCD8205
FEET	ORDER CODE	COMPATIBILITY																		
ST-3215	100012312	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-
ST-322	100013034	-	-	-	-	-	●	-	-	-	-	-	-	-	●	-	-	-	-	-
ST-4020	100012203	-	-	-	-	-	-	●	-	●	-	-	-	-	-	●	-	-	-	-
ST-4620	100012205	●	●	●	-	●	-	-	-	-	●	-	-	-	-	-	●	-	-	-
ST-5220	100012201	-	-	-	●	-	-	-	●	-	-	●	-	-	-	-	-	●	-	-
ST-651	100012828	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-
ST-701	100012651	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-
Feet Included		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
No Feet Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●

NEC OPTION BOARDS

Empowered by Innovation NEC

SLOT-IN OPTIONS STv1 | STv2

A

B

C

3 YEARS WARRANTY

A. STv2 Board
B. Dual Slot Adaptor
C. STv2 Board In Dual Slot Adaptor

Naming	Detail	Explanation
STv1	Slot Technology Version 1	This is the traditional NEC Option Slot
STv2	Slot Technology Version 2	This new slot is compatible with NEC / Intel OPS Standard
Dual Slot	STv1 and STv2	Products that can house either STv1 or STv2 boards
Standalone	External Adaptor for STv2	For display devices that do not feature an STv2 slot or Dual-Slot

MORE POWER TO YOUR SIGNAGE

Select one of many powerful upgrade options today or even integrate new technology in the future. With no cables required due to internal connection for power, video, audio and control, the option slot also fits neatly within the display or projector profile for a more elegant installation.

SINGLE SERVICE POINT

An NEC Display Device that incorporates an Option Board uniquely gives the customer one service contact and matching warranties for the display or projector and the board and in the case that servicing is required, a slot product can easily be removed and serviced separately with the display in tact.

FUTURE PROOFING YOUR DISPLAY

Option Slots give your display an 'upgrade ready' path for today's boards and additionally, compatible boards that may be developed in the future. They also are exchangeable between compatible products either directly or in certain cases using a cradle meaning that they form a useful element in your display solutions for the entire site.

OPTION BOARD v PD MODEL			X461UNV	X462UN	X463UN	X551UN	X462HB	X401S	X461S	X551S	P402	P462	P552	P702	V321	V322	V422	V462	V551	V651	LCD8205
SLOT OPTION	FORMAT	ORDER CODE	STv1	Dual	Dual	Dual	STv1	STv2	STv2	STv2	Dual	Dual	Dual	Dual	N/A	STv2	Dual	Dual	Dual	Dual	N/A
Atom 2 x 1.6*	STv2 (OPS)	100013071	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
Celeron 1.4*	STv2 (OPS)	100013018	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
Celeron 1.86	STv2 (OPS)	100012859	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
Celeron 2 x 1.6*	STv2 (OPS)	100012965	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
Core i5 2 x 2.5*	STv2 (OPS)	100012991	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
Core i5 ivy 2 x 2.7*	STv2 (OPS)	100013074	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
Core i7 ivy 4 x 2.1*	STv2 (OPS)	100013075	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
HD-SDI 1.5G	STv2 (OPS)	100012893	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
HD-SDI 3G	STv2 (OPS)	100012947	●	○	○	○	●	●	●	●	○	○	○	○	●	●	○	○	○	○	●
HD-SDI 1.5G	STv1	100012053	●	●	●	●	●	-	-	-	●	●	●	●	-	-	●	●	●	●	-
DVBT Tuner	STv1	100012624	●	●	●	●	●	-	-	-	●	●	●	●	-	-	●	●	●	●	-
Mediaplayer	STv1	100012498	●	●	●	●	●	-	-	-	●	●	●	●	-	-	●	●	●	●	-
All CAT 5 Signal Distribution	STv1	On Request	●	●	●	●	●	-	-	-	●	●	●	●	-	-	●	●	●	●	-
DVI Daisy chain	STv1	100012311	●	●	●	●	●	-	-	-	●	●	●	●	-	-	●	●	●	●	-

OPTION BOARD v PROJECTOR MODEL			PH1000U	PX700W	PX750U	PX800X
SLOT OPTION	FORMAT	ORDER CODE	STv2	STv2	STv2	STv2
Atom 2x1.6*	STv2 (OPS)	100013071	●	●	●	●
Celeron 1.4*	STv2 (OPS)	100013018	●	●	●	●
Celeron 1.86	STv2 (OPS)	100012859	●	●	●	●
Core i5 2 x 2.5*	STv2 (OPS)	100012991	●	●	●	●
Core i5 ivy 2 x 2.7*	STv2 (OPS)	100013074	●	●	●	●
Core i7 ivy 4 x 2.1*	STv2	100013075	●	●	●	●
HD-SDI	STv2/ 1.5G	100012893	●	●	●	●
HD-SDI	STv2/ 3G	100012947	●	●	●	●

●	Compatible
○	Compatible using Dual Slot STv2 Adaptor
●	Compatible using external Standalone Adaptor (Stv2)
-	Not Compatible

* Please note that all other SBC configurations have the same compatibility characteristics

NEC OPTION SLOT BENEFITS

Expansion and Future Proofing Built into the Display/ Projector

An Elegant, Unobtrusive, Cable-Free Installation. All Connectors are inside the Displays including Power, Video & Audio Signals and RS232. No External Cables Required.

Two Expansion Slot Formats for Extra Flexibility

New Slot-in Computers with lowest power consumption

Single Service Point for a Display / Projector and Integrated Board

Flexible User Configuration

New High Brightness, Heavy Duty Installation models, which draw upon NEC's leadership in the Digital Cinema market combined with a comprehensive range of Mobile, Conventional and Specialist Projectors for the Classroom or Corporate

With a traditional focus on Education, many of our Projectors include Special Education warranties and solutions and we bundle free software that helps you get connected, share content or make up for a lost remote control. More information on NEC Education Solutions is available at **www.education-nec.com**

SERIES	POSITIONING	IDEAL APPLICATIONS
L	LED MOBILE	NEW Attractive, Gloss Black LED Projector with, Extreme Light Weight and Long Life making this a Strong Ecological Projector ideal for Corporates that require Performance and Next Generation Looks.
V	VALUE	Environmentally friendly Projectors for Corporates and Higher Education with Low Cost of Ownership and Great Optical Performance
M	MULTIPURPOSE	Flexible Range of Standard, Wide and Short Throw ECO Projectors that are ideal for Education, Corporates and Public Sector.
U	ULTRA SHORT THROW	Ideal high quality 'no glare', 'no shadow' projectors for Education and Corporates with space saving requirements.
P	PROFESSIONAL	Higher Quality, Higher Brightness. More Robust Models that are ideal for Corporate Conference Rooms.
PA	PROFESSIONAL ADVANCED	Heavy Duty, High Quality, High Resolution, ideal for Serious Corporate Applications and High End Education.
PX	PROFESSIONAL EXTREME	24/7 Performance, High Brightness and Resolutions ideal for Signage, Museums, Corporates, Control Rooms Simulation and Rental.
PH	PROFESSIONAL HIGH END	3 Chip Outstanding Picture Quality and Network Flexibility, ideal for Staging, Rentals, Universities and CAD/ CAM.
NC	DIGITAL CINEMA	World Leading Cinema Projectors for Multi-National Chains or Single Venues.

NEW RELEASES

NC900C

UP TO 9M SCREENS
2K CINEMA IMAGE

HIGH QUALITY, AFFORADBLE DCI PROJECTION.

LOWEST TCO HFR PROJECTOR EASY EXCHANGE TWO LAMP SYSTEM. INTEGRATED MEDIA SERVER.

IDEAL FOR ART HOUSES, MOBILE CINMEAS, UNIVERSITIES, PUBLIC BUILDINGS AND HIGH END HOME USERS.

PROJECTORS

	L51W LED
Order Code	60003377
Display	DLP 1x 1,14 cm (0,45") DMD Chip
Aspect Ratio	16:10
Native Resolution	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	500
Contrast Ratio	4000:1
Projection Factor	1.4 : 1
Projection Distance [m]	0.52 - 3
Projection Angle [°]	13.8
Screen Size (min / max) [cm (inch)]	43.2 / 254 (17 / 100)
Zoom / Focus	Digital / Manual
Connectors	HDMI®, SD Card, USB A & B, RGB In, Video, 1 x Audio In
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	105 / 70 / - / 0.5
Dimensions (W x H x D) [mm]	226 x 43 x 174
Weight [kg]	1.2
Speakers (mono) [W]	1 x 2
TCO	-
Education Warranty Available	-

3 YEARS WARRANTY

6 MONTHS FOR LAMP

ECO INNOVATION

L SERIES

500 ANSI LUMEN
WXGA

STYLISH DESIGNER LINES
LED LIGHT SOURCE
LIGHTWEIGHT 1.2KGS
PC-LESS PRESENTATION
SD CARD READER
SPEAKER

V SERIES

2300 | 2600 | 3000 ANSI
SVGA | XGA | WXGA

VALUE RANGE
DLP COLOUR PERFORMANCE
UP TO 5000 HOURS LAMP LIFE (ECO)
LAN CONNECTIVITY (SOME MODELS)
SPEAKERS

	V230X	V260	V260W	V260X	V300W	V300X
Order Code	60003177	60003176	60003180	60003178	60003181	60003179
Display	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.65 cm (0.65") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.65 cm (0.65") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip
Aspect Ratio	4:3	4:3	16:10	4:3	16:10	4:3
Native Resolution	1024 x 768 (XGA)	800 x 600 (SVGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	2300	2600	2600	2600	3000	3000
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1
Projection Factor	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.55 – 1.70 : 1	1.95 – 2.15 : 1	1.55 – 1.70 : 1	1.95 – 2.15 : 1
Projection Distance [m]	1.2 – 13	1.2 – 13	1 - 11.1	1.2 – 13	1 - 11.1	1.2 - 13
Projection Angle [°]	12.8-14.0	12.8-14.0	12.9-14.1	12.8-14.0	12.9-14.1	12.8-14.0
Screen Size (min / max) [cm (inch)]	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	RGB In, PC Control, 1 x RGB out, S-Video, Video, 1 x Audio In	RGB In, PC Control, 1 x RGB out, S-Video, Video 1 x Audio In	2 x RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 3 x In, 1 x Out	2 x RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 3 x In, 1 x Out	2 x RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 3 x In, 1 x Out	2 x RGB In, PC Control, LAN, 1 x RGB out, HDMI, S-Video, Video, Audio: 3 x In, 1 x Out
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	233 / 210 / 4 / 0.8	233 / 210 / 4 / 0.8	233 / 210 / 4 / 0.8	233 / 210 / 4 / 0.8	268 / 210 / 4 / 0.8	268 / 210 / 4 / 0.8
Lamp Life Normal / ECO [hrs.]	3500 / 5000	3500 / 5000	3500 / 5000	3500 / 5000	3000 / 5000	3000 / 5000
Dimensions (W x H x D) [mm]	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247
Weight [kg]	2.5	2.5	2.5	2.5	2.5	2.5
Speakers (mono) [W]	1 x 7	1 x 7	1 x 7	1 x 7	1 x 7	1 x 7
TCO	●	-	-	●	-	●
Education Warranty Available	Yes	-	Yes	Yes	Yes	Yes

	M230X	M271X	M271W	M311X	M311W	M361X	M420X
Order Code	60002958	60003404	60003408	60003405	60003407	60003406	60003131
Display	3 x 1.6 cm (0.63") p-Si LCD Panel	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA
Aspect Ratio	4:3	4:3	16:10	4:3	16:10	4:3	4:3
Native Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	2300	2700	2700	3100	3100	3600	4200
Contrast Ratio	2000:1	3000:1	3000:1	3000:1	3000:1	3000:1	2000:1
Projection Factor	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1
Projection Distance [m]	0.6 – 13.8	0.7 – 14.7	0.7 – 14.7	0.7 – 14.7	0.7 – 14.7	0.7 – 14.7	0.6 – 13.8
Projection Angle [°]	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4	6.5 - 11.4
Screen Size (min / max) [cm (inch)]	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	239 / 193 / 8 / 0.4	193 / 172 / 8 / 0.4	193 / 172 / 8 / 0.4	193 / 172 / 8 / 0.4	236 / 211 / 8 / 0.4	236 / 211 / 8 / 0.4	343 / 264 / 8 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 6000	5000 / 6000	5000 / 6000	4000 / 5000	5000 / 6000	4000 / 5000	3000 / 3500
Dimensions (W x H x D) [mm]	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	339 x 99 x 257	398 x 115 x 282
Weight [kg]	2.9	2.9	2.9	2.99	2.9	2.99	3.6
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10
TCO	●	-	-	-	●	-	-
Education Warranty Available	●	●	●	●	●	●	●

	M260WS	M260XS	M300WS	M300XS	M350XS
Order Code	60003072	60003074	60003075	60003076	60003077
Display	3 x 1.5 cm (0.59"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	3 x 1.5 cm (0.59"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA	3 x 1.6 cm (0.63"), p-Si LCD Panel with MLA
Aspect Ratio	16:10	4:3	16:10	4:3	4:3
Native Resolution	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	2600	2600	3000	3000	3500
Contrast Ratio	2000:1	2000:1	2000:1	2000:1	2000:1
Projection Factor	0.47 : 1	0.47 : 1	0.47 : 1	0.47 : 1	0.47 : 1
Projection Distance [m]	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1	0.6 – 1.1
Projection Angle [°]	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6	37.3 - 38.6
Screen Size (min / max) [cm (inch)]	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)	152.4 / 279.4 (60 / 110)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x RGB In, HDMI®, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	302 / 236 / 8 / 0.4	239 / 193 / 8 / 0.4	343 / 264 / 8 / 0.4	343 / 264 / 8 / 0.4	343 / 264 / 8 / 0.4
Lamp Life Normal / ECO [hrs.]	4000 / 5000	5000 / 6000	3000 / 3500	4000 / 5000	3000 / 3500
Dimensions (W x H x D) [mm]	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5	398 x 140 x 309.5
Weight [kg]	4	4	4	4	4
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10
TCO	●	●	●	●	●
Education Warranty Available	●	●	●	●	●

EDU SOLUTIONS

3 YEARS WARRANTY

6 MONTHS FOR LAMP

ECO INNOVATION

ECO SAFETY

M SERIES

MULTI-PURPOSE ECO PROJECTION
FLEXIBLE INSTALLATION
AV MUTE SLIDABLE COVER OR BUTTON
UP TO 6000 HOURS LAMP LIFE (ECO)
MATCHED FILTER AND LAMP CHANGE

2300 | 2600 | 2700 | 3000 | 3100 | 3500 | 3600 |
4200 ANSI LUMEN
XGA | WXGA

U SERIES

ULTRA SHORT THROW
INCLUDES WALL MOUNT
3D READY
EDUCATION WARRANTY AVAILABLE

2500 | 2600 | 3000 | 3100 ANSI LUMEN
XGA | WXGA

UM SERIES

PROFESSIONAL ULTRA SHORT THROW
ECO PROJECTION WITHOUT COMPROMISE
INTUITIVE USER-CENTRIC OPERATION
PRESENT WITH LESS GLARE AND SHADOW
0.36:1 THROW RATIO
GREAT CONNECTIVITY

2800 | 3300 ANSI LUMEN
XGA | WXGA
ULTRA SHORT THROW

	U250X	U260W	U300X	U310W
Order Code	60002965	60002966	60002971	60003068
Display	DLP 1 x 1.4 cm (0.55") 2x LVDS DMD	DLP 1 x 1.65 cm (0.65") 2x LVDS DMD	DLP 1 x 1.4 cm (0.55") 2x LVDS DMD	DLP 1 x 1.65 cm (0.65") 2x LVDS DMD
Aspect Ratio	4:3	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	2500	2600	3000	3100
Contrast Ratio	2000:1	2000:1	2000:1	2000:1
Projection Factor	0.377 : 1	0.3 : 1	0.377 : 1	0.3 : 1
Projection Distance [m]	0.132 – 0.319	0.152 – 0.319	0.132 – 0.319	0.152 – 0.319
Projection Angle [°]	55.3	55.3	55.3	55.3
Screen Size (min / max) [cm (inch)]	160 / 216 (63 / 85)	196 / 254 (77 / 100)	160 / 216 (63 / 85)	196 / 254 (77 / 100)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	2 x RGB In, HDMI®, S-Video, Video, LAN, PC Control,1 x RGB out, Video, 3 x Audio In, In Audio Out	2 x RGB In, HDMI®, S-Video, Video, LAN, PC Control,1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	2 x RGB In, HDMI®, S-Video, Video, LAN, PC Control,1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	2 x RGB In, HDMI®, S-Video, Video, LAN, PC Control,1 x RGB out, Video, 3 x Audio In, 1 x Audio Out
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	300 / 245 / 2 / 0.5	300 / 245 / 2 / 0.5	360 / 315 / 2 / 0.5	360 / 315 / 2 / 0.5
Lamp Life Normal / ECO [hrs.]	2500 / 4000	2500 / 4000	2500 / 3000	2500 / 3000
Dimensions (W x H x D) [mm]	427 x 200 x 406	427 x 200 x 406	427 x 200 x 406	427 x 200 x 406
Weight [kg]	6.5	6.5	6.5	6.5
Speakers (mono) [W]	1 x 10	1 x 10	1 x 10	1 x 10
TCO	●	●	●	●
Education Warranty Available	●	●	●	●

	UM280X	UM280W	UM330X	UM330W
Order Code	60003391	60003390	60003393	60003392
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA
Aspect Ratio	4:3	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	2800	2800	3300	3300
Contrast Ratio	3000:1	3000:1	3000:1	3000:1
Projection Factor	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1
Projection Distance [m]	0.45 - 0.85	0.45 - 0.85	0.45 - 0.85	0.45 - 0.85
Projection Angle [°]	49.2	53.1	49.2	53.1
Screen Size (min / max) [cm (inch)]	152.4 / 279.4 (60 / 100)	161.5 / 269.2 (63 / 106)	152.4 / 279.4 (60 / 100)	160 / 269.2 (63 / 106)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	1 x RGB In, 2 x HDMI®, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI®, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI®, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out	1 x RGB In, 2 x HDMI®, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, Video, 3 x Audio In, 1 x Audio Out
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	235 / 212 / 8 / 0.4	235 / 212 / 8 / 0.4	263 / 233 / 8 / 0.4	263 / 233 / 8 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	3500 / 6000	3500 / 6000
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	5.2	5.2	5.2	5.2
Speakers (mono) [W]	1 x 16	1 x 16	1 x 16	1 x 16
TCO	●	●	-	-
Education Warranty Available	●	●	●	●

P SERIES

ENTRY GRADE HIGH BRIGHTNESS
PROFESSIONAL INSTALLATION
AV MUTE SLIDABLE COVER OR BUTTON
UP TO 3000 HOURS LAMP LIFE (ECO)

3500 | 4200 ANSI LUMEN
XGA | WXGA

PA SERIES

FLEXIBLE INSTALLATION, 5 OPTIONAL LENS
STACKABLE TO 4 x BRIGHTNESS
HEAVY DUTY PERFORMANCE
DISPLAYPORT AND LAN

5000 | 5500| 6000 ANSI LUMEN
XGA | WXGA | WUXGA

PX SERIES

24/7 REFERENCE PERFORMANCE
DUAL LAMP, BEST QUALITY TECHNOLOGY
DISPLAYPORT, LAN, INTEGRATED STv2 SLOT

7000 | 7500 | 8000 ANSI LUMEN
XGA | WXGA | WUXGA

	NP4100	P350W	P420X	PA500U	PA500X	PA550W	PA600X
Order Code	60002354	60003086	60003081	60003082	60003083	60003085	60003084
Display	1 x 1.78 cm (0.7") DMD Chip - DLP™ Technology	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.93 cm (0.76") p-Si inorganic LCD Panel with MLA	3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA	3 x 1.9 cm (0.75") p-Si inorganic LCD Panel with MLA	3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA
Aspect Ratio	4:3	16:10	4:3	16:10	4:3	16:10	4:3
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	6200	3500	4200	5000	5000	5500	6000
Brightness in Eco Mode [approx. %]	80%	75%	75%	80%	80%	80%	80%
Contrast Ratio (DB™ = with DynamicBlack™)	2100:1 DB™	2000:1	2000:1	2000:1	2000:1	2000:1	2000:1
Lens [mm]	optional	F= 1.7–2.0, f= 17.4 – 29.0	F= 1.7–2.0, f= 17.4 – 29.0	optional	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	5	-	-	5	5	5	5
Projection Factor (std. option)	1.78 – 2.35 : 1(NP08ZL)	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.5-3.02:1(NP13ZL)	1.5-3.02:1(NP13ZL)	1.5-3.02:1(NP13ZL)	1.5-3.02:1(NP13ZL)
Projection Distance [m]	1.42 – 24.35 (NP08ZL)	0.7 – 14.6	0.6 – 13.8	0.70 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)
Screen Size (min. / max.) [cm (inch)]	102 (40") / 1270 (500")	64 (25") / 762 (300")	64 (25") / 762 (300")	76 (30") / 1270 (500")	76 (30") / 1270 (500")	76 (30") / 1270 (500")	76 (30") / 1270 (500")
Lens Adjustment	Motorised	Manual	Manual	Manual	Manual	Manual	Manual
Connectors	DVI-D (with HDCP) S-Video, PC Control RCA In, USB B, LAN, 3 x RGB in, 1 x RGB out, 4 x Audio	HDMI®, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 2 x RGB in, 1 x RGB out, 3 x Audio In, 1 x Audio Out, optional W-Lan	HDMI®, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 2 x RGB in, 1 x RGB out, 3 x Audio In, 1 x Audio Out, optional W-Lan	DisplayPort, HDMI® S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI® S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI® S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan	DisplayPort, HDMI® S-Video, PC Control, RCA In, LAN 3 x RGB in, 1 x RGB out, 3 x Audio, Remote in, opt. W-Lan
Power Normal / ECO [Single Lamp W]	365 / 310	343 / 264	343 / 264	455 / 369	443 / 356	443 / 356	443 / 356
Power Network Stand-by Mode [W]	30	9	9	6	6	6	6
Power Stand-By Mode [W]	1	0.4	0.4	0.2	0.2	0.2	0.2
Lamp Power Normal / ECO [W/UHP AC]	2 x 280 / 2 x 224	265 / 195	265 / 195	330 / 264	330 / 264	330 / 264	330 / 264
Lamp Life Normal / ECO [hrs.]	2000 / 3000	3000 / 3500	3000 / 3500	3000 / 4000	3000 / 4000	3000 / 4000	3000 / 4000
Dimensions (W x H x D) [mm]	505 x 197 x 385	398 x 282 x 115	398 x 282 x 115	499 x 144 x 359	499 x 144 x 359	499 x 144 x 359	499 x 144 x 359
Weight [kg]	17.5	3.9	3.9	7.8	7.7	7.7	7.7
Speakers [W]	2 x 3W	1 x 10W	1 x 10W	1 x 10W	1 x 10W	1 x 10W	1 x 10W

PH SERIES

3 CHIP DLP, HIGH-END PERFORMANCE, STV2 OPS SLOT
VERTICAL AND HORIZONTAL MOTORISED LENS SHIFT

11,000 ANSI LUMEN
WUXGA

NC SERIES

2K AND 4K RESOLUTION
3D READY
9700 | 18300 | 33000
LUMEN

	PX700W	PX750U	PX800X	PH1000U
Order Code	60003183	60003182	60003184	60003275
Display	1.65 cm (0.65") DMD Chip - DLP™ Technology	1.7 cm (0.67") DMD Chip - DLP™ Technology	1.78 cm (0.7") DMD Chip - DLP™ Technology	3 x 2.44 cm (0.96") 3-Chip - DLP™ Technology
Aspect Ratio	16:10	16:10	4:3	16:10
Native Resolution	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)
Brightness [ANSI Lumen]	7000	7500	8000	11000
Brightness in Eco Mode [approx. %]	80%	80%	80%	75%
Contrast Ratio (DB™ = with DynamicBlack™)	2100:1 DB™	2100:1 DB™	2100:1 DB™	2000:1
Lens [mm]	optional	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	6 (5 with Lens Memory)	6 (5 with Lens Memory)	6 (5 with Lens Memory)	5 (4 with Lens Memory)
Projection Factor (std. option)	0.76:1 & 1.25-8.3:1	0.76:1 & 1.25-8.3:1	0.76:1 & 1.25-8.3:1	0,67:1&1:1 & 1.39-6.96:1
Projection Distance [m]	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	1.1 (NP25FL) 74 (NP29ZL)
Screen Size (min. / max.) [cm (inch)]	127 (50") / 762 (300")	127 (50") / 762 (300")	127 (50") / 762 (300")	1.1 (NP25FL) 74 (NP29ZL)
Lens Adjustment	Motorised	Motorised	Motorised	Motorised
Connectors	DisplayPort, HDMI® S-Video, PC Control, RCA In, LAN 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x STv2 Optional Slot	DisplayPort, HDMI® S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x STv2 Optional Slot	DisplayPort, HDMI® S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x STv2 Optional Slot	DisplayPort, HDMI® S-Video, PC Control, RCA In, LAN, 3 x RGB in, 1 x RGB out, Remote in, opt. W-Lan, 1 x STv2 Optional Slot
Power Normal / ECO [Single Lamp W]	931 / 405	958 / 777	927 / 752	580 / 490
Power Network Stand-by Mode [W]	18	23	18	60
Power Stand-By Mode [W]	0.4	0.4	0.4	0.5
Lamp Power Normal / ECO [W/UHP AC]	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320
Lamp Life Normal / ECO [hrs.]	2000 / 2500	2000 / 2500	2000 / 2500	2000 / 2500
Dimensions (W x H x D) [mm]	504 x 192 x 516	504 x 192 x 516	504 x 192 x 516	578 x 235 x 558
Weight [kg]	19.7	19.7	19.7	40
Speakers [W]	-	-	-	-

	NC900C	NC1200C	NC2000C
Order Code	60003356	60002948	60002815
DMD	3 Chip DMD Reflection	3 x 0.98" Chip DLP™	3 x 0.98" Chip DLP™
Supported Screen Sizes	Up to 9.5m in DCI Colour	4 to 12m	up to 20m
High Efficiency Xenon Lamp	N/A	max 2.0KW	max 4.0KW
Brightness [Lumen]	N/A	9700, 2.0KW Lamp*	18300, 4.0KW Lamp*
Contrast Ratio	N/A	> 2200:1 (full on/off)	> 2200:1 (full on/off)
DMD Specifications	2048 x 1080 Chip: 0.69" DLP	0.98", 12° tilt angle, 2048 x 1080 pixels	0.98", 12° tilt angle, 2048 x 1080 pixels
Primary Lenses	NP-9LS14Z: 1.36-1.63:1; NP9LS16Z: 1.63-2.03:1; NP-9LS20Z: 2.03-2.72:1; NP-9LS27Z: 2.72-4.07:1; NP-9LS40Z: 4.07-6.34:1	1.2 to 1.8:1, 1.4 to 2.05:1, 1.59 to 2.53:1, 1.9 to 3.25:1, 2.4 to 3.9:1, 3.9 to 6.5:1	1.2 to 1.8:1, 1.4 to 2.05:1, 1.59 to 2.53:1, 1.9 to 3.25:1, 2.4 to 3.9:1, 3.9 to 6.5:1
Dimensions (W x H x D) [mm]	621 x 798 x 314	700 x 990 x 503	700 x 990 x 503
Cooling Method	Air cooling with dust-preventing electrostatic filter	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 10,600 BTU. Projector exhaust: 10m³/min	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 18,800 BTU. Demand of Exhaust Duct 13CMM

	NC3200S	NC3240S
Order Code	60002816	60003070
DMD	3 x 1.2" Chip DLP™	3 x 1.38" Chip DLP™
Supported Screen Sizes	Up to 32m	up to 32m
High Efficiency Xenon Lamp	4.5 / 6.0 / 7.0 KW	4.5 / 6.0 / 7.0 KW
Brightness [Lumen]	33000, 7.0KW Lamp*	33000, 7.0KW Lamp*
Contrast Ratio	> 2200:1 (full on/off)	> 2000:1 (full on/off)
DMD Specifications	1.2", 12° tilt angle, 2048 x 1080 pixels	1.38", 12° tilt angle, 4096 x 2160 pixels
Primary Lenses	1.2 to 1.8:1, 1.4 to 2.05:1, 1.6 to 2.4:1, 1.8 to 3.0:1, 2.15 to 3.6:1, 3.0 to 4.3:1	1.13 to 1.31:1, 1.30 to 1.85:1, 1.44 to 2.16:1, 1.63 to 2.71:1, 1.95 to 3.26:1, 2.71 to 3.89:1
Dimensions (W x H x D) [mm]	700 x 1124 x 503	700 x 1124 x 503
Cooling Method	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,500 BTU. Demand of Exhaust Duct 16CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,500 BTU. Demand of Exhaust Duct 16CMM

PROJECTION OPTIONS (For Compatible Expansion Slot Options please see Page 17)

MOUNT v PROJECTOR		Value							Multi-Purpose								Short Throw					Ultra Short Throw							
		NP43	V230X	XV260	V260W	V260X	V300W	V300X	M230X	M271X	M271W	M311X	M311W	M361X	M420X	M260WS	M260XS	M300WS	M300XS	M350XS	U250X	U260W	U300X	U310W	UM280X	UM280W	UM330X	UM330W
OPTION	ORDER CODE																												
HEIGHT ADJUSTABLE																													
PJ03WHA	100012976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●
PJ03WHM	100013024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●
NP02HM	100012781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●
WALL MOUNTS																													
NP02WK	100012810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	-	-
NP03WK	100012864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-	-	-	-	-	-	-
Wall Mount Included		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●
CEILING MOUNTS																													
NP01UCM	100012432	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP02UCM	100012433	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP03UCM	100012434	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP04UCM	100012435	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP05UCM	100012436	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP30UCM	100012437	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP70CM	100012901	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
INTERACTIVE SOLUTIONS																													
NP01Wi1 (Including Mouse Driver)	60003314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●	-	-	-	-
NP01Wi2 (Including Software)	60003315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	●	●	●	●	-	-	-	-
NP02Wi	100013065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●

MOUNT v PROJECTOR		Installation									
		P350W	P420X	PA500U	PA500X	PA550W	PA600X	PX700W	PX750U	PX800X	PH1000U
OPTION	ORDER CODE										
NP01UCM	100012432	●	●	-	-	-	-	-	-	-	-
NP02UCM	100012433	●	●	-	-	-	-	-	-	-	-
NP03UCM	100012434	●	●	-	-	-	-	-	-	-	-
NP04UCM	100012435	●	●	●	●	●	●	-	-	-	-
NP05UCM	100012436	●	●	●	●	●	●	-	-	-	-
NP30UCM	100012437	●	●	●	●	●	●	-	-	-	-
NP70CM	100012901	-	-	-	-	-	-	●	●	●	-
Riggable		-	-	-	-	-	-	-	-	-	●

CEILING MOUNT FEATURES		Maximum Load [kg]	Length [mm]	Tilt/ Roll [°]	Swivel [°]
OPTION	ORDER CODE	DETAILS			
NP01UCM	100012432	7	250	25	360
NP02UCM	100012433	7	500	25	360
NP03UCM	100012434	7	750	25	360
NP04UCM	100012435	12	300 - 350	25	360
NP05UCM	100012436	12	500 - 750	25	360
NP30UCM	100012437	30	280 - 380	6	360
NP70CM	100012901	30	250	25	-

HEIGHT ADJUSTABLE SYSTEMS		Adjustment Type	Height Adjustment [mm]	Weight [kg]	Maximum Load [kg]
PJ03WHA	100012976	Motorised	500	39.6	50.0
PJ03WHM	100013024	Mechanical	450	38.0	40.0
NP02HM	100012781	Motorised	675	48.0	40.0

WALL MOUNT FEATURES		Height Adjustment [mm]	Weight [kg]	Boardsize (M Series, ST)
OPTION	ORDER CODE	DETAILS		
NP02WK	100012810	50	7.2	60 - 80"
NP03WK	100012864	50	10.5	80 - 100"

NP02UCM

PJ03WHA

NEC DISPLAYNOTE

Next Generation Interactive Learning

DisplayNote, NEC Edition, is the latest interactive whiteboard tablet solution, which combines advanced collaboration tools with the market leading utilities available with NEC Projectors to create the ideal collective presentation solution for learning establishments. Users can present, share and collaborate ideas and presentations across all major platforms (Windows, Android, Apple, Linux and iOS) and any connected device, such as an iPad, Android tablet, smartphone, netbook or laptop.

DisplayNote's platform independent approach means you can fundamentally upgrade your presentation system's effectiveness without the need to replace hardware. Download Displaynote at www.nec-display-solutions.com/displaynote

DisplayNote NEC Edition operates in two main scenarios, a presenter scenario with powerful presentation and annotation features and the multi-user collaboration scenario which makes the learning process a fully inclusive class activity.

ANY DEVICE ON ANY PLATFORM

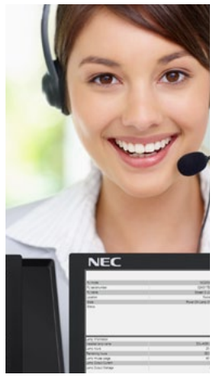
DisplayNote has been designed to complement the new trend towards tablet based classroom solutions. Institutions that have already made the investment in whiteboard technology and tablet or portable devices for students can see immediate advantages in achievement and collaboration by adding the DisplayNote Solution.

DisplayNote is not only of interest to the Educational Sector, but it is also ideal for the Corporate Market as an intuitive and efficient training solution.

Today digital scripts are a firmly established part of the training process. Students can use DisplayNote to instantly connect with their teacher using the device of their choice, they can collaborate with fellow students, add their own notes and save and store their session on their device for future review.

Tablets and also PCs, laptops and smart phones can be connected to the teacher's PC via a wireless network. On all these devices the same software runs on a single user interface. Installation is straight-forward, a 'Host PC' is installed first, then the teacher starts a session and the students can log in.

World Class Pre-Sales, Post-Sales and On-Going Service and Support Options



NEC pride ourselves on delivering the very best Display Solutions that can meet the challenges of today's working environments, delivering the very best image day after day.

Our Pre-sales support teams can help you to choose which products from our wide portfolio best meet the needs of your business and an enviable EMEA Support Infrastructure means that we can provide you the Support and Service you need throughout your NEC product's ordinary lifecycle, with no restrictions across EMEA. This is also available on a worldwide basis.

In the unlikely event of a product failure we keep the warranty procedures as simple and fast as possible to get you up and running as soon as we can, dependant upon the warranty cover in place. As standard, all NEC products are supplied with a 3 Year Warranty from the date of purchase*, that for displays includes the backlight. A Network Operations Centre (NOC) which manages remote control and maintenance of installed products, is available to support installations for Digital Cinema, Installation Projectors, Public Displays and LED.

All NEC products use tried and tested high quality components and are tested to recognised exacting standards before leaving the factory.

For further information regarding NEC support available in your region, please visit the Support section of our website.

THE NEC SERVICE PROMISE

NEC uses only the highest quality components and carries out stringent quality and performance tests.

NEC has an EMEA wide support operation; in addition we have a certified partner network that provide useful first response and hand-holding support.

Our trained staff are able to take your call and conduct initial fault diagnosis.

Extended warranties or special warranties are available on many NEC products.

Additional Special Services are available such as de-install, re-install service.

3 Year Warranty does not apply to Digital Cinema products.

Green Without Compromise

The NEC Green Vision Campaign is a long-standing initiative by NEC to increase the ecological productivity associated with the use of our products through increased efficiency and to create a more sustainable society by consuming less energy and elimination of harmful materials and unnecessary waste.

We constantly strive to enhance the Ecological characteristics of our products, listed are just some of the green features you may come to expect.

The NEC Green Vision logo, representing NEC's mission to help to create a sustainable society.

INTUITIVE ECO MODES
One Click or Auto ECO Modes, help you reduce your projector or display power use when it is not needed, allowing optimum brightness and maximum energy efficiency at all times.

AV MUTE
Save 75% Lamp Power by simply sliding the projector cover across. When you slide it back the image instantly reappears.

HUMAN AND AMBIENT LIGHT SENSORS
The Human Sensor ensures your display is only working when you are, as it detects your presence at the desk, ambient light and luminance sensors also make intelligent adjustments to your displayed image to help to save power.

For more information, please visit our Green Vision website.

Empowered by Innovation NEC

Behind the Technology

REFERENCE

The NEC REFERENCE designation is awarded to our products and solutions which through their performance and benefits we consider to be the market benchmark for our customers. The logo is a tangible reminder of our high quality, performance-driven Japanese heritage, our focus on award-winning design flair and our passion for state of the art leadership in innovation and meeting the demands of our customers in the most challenging applications.

Our Reference Displays and Projectors are trusted across the world in Airports, Hospitals, Arenas and Cinemas, Corporates and Institutions, where performance is critical.

ECO INNOVATION	This logo is used to indicate that a product or series of products has ECO innovations that help to reduce the energy use associated with the product and/ or offers greater productivity from the same resource.
ECO SAFETY	Increasingly NEC is driven to reduce the use of harmful materials in any of our products, this may include the display itself, the plastics used, the elimination of mercury or halogen or the use of safer or smaller packaging.
NeCycle	NeCycle™, which is the brand name of NEC's newly developed bioplastics, indicates a new style of recycling: a recycling of the material itself as well as a recycling of the CO_2 that is absorbed by the plant component that constitutes the material's main resource.
TCO CERTIFIED	NEC has a uniquely large number of Projectors and Desktop Displays with TCO certification. TCO Certified goes beyond green by combining features such as high performance and ergonomic design with one of the toughest environmental requirements on the market.
ENERGY STAR	ENERGY STAR is a government-backed program helping businesses and individuals protect the environment through superior energy efficiency.
EPEAT GOLD	EPEAT is the definitive global registry for greener electronics. It's an easy-to-use resource for purchasers, manufacturers, resellers and others wanting to find or promote environmentally preferable products. Epeat Gold meet all 23 required criteria and 75% of optional criteria.
EPEAT SILVER	EPEAT is the definitive global registry for greener electronics. It's an easy-to-use resource for purchasers, manufacturers, resellers and others wanting to find or promote environmentally preferable products. Epeat Gold meet all 23 required criteria and 55% of optional criteria.
product design award 2011	Established in 1953, the iF product design award is today among the most important awards for innovative product design.

3D	Selected NEC Projectors and Digital Cinema Products are able to reproduce content in Stereoscopic 3D. The 3D NEC logo is an indication that a product can playback 3D media. For further information please visit our website www.3d-nec.com
LED Projector Series	LED Projectors generate their image in a more efficient way than conventional LCD or DLP projection. They are able to operate at considerably lower power consumption and within a smaller chassis. This logo is displayed for LED Projectors only.
LED Backlit LCD	LED Backlighting is integrated into some of our Desktop and Large Format Displays as either Direct LED Backlighting or Edge LED Backlighting. This Logo is used to indicate LED backlit displays that operate at lower power and in a smaller chassis.
EDU SOLUTIONS	NEC specialise in creating solutions and better value options for the Education environment. This logo indicates where such special solutions or promotions including extended warranties are available for Education customers. More information is available at www.education-nec.com
3 YEARS WARRANTY	Subject to our terms of use, the standard warranty on NEC display products unless stated otherwise is 3 years return, to manufacturer. For specific terms please request a copy of our warranty terms and conditions.
6 MONTHS FOR LAMP	Subject to our terms of use, the standard warranty on NEC projector lamps unless stated otherwise is 6 months, return to manufacturer. For specific terms please request a copy of our warranty terms and conditions.
5 YEARS OPTION	Subject to our terms of use, a warranty extension from 3 years to 5 years return to manufacturer will be available on displays marked with this logo. For specific terms please request a copy of our warranty terms and conditions.
0 PIXEL DEFECT	Subject to our terms of use, where this logo is shown, Displays that have a complete pixel failure within the first 6 months of use will be repaired or exchanged under warranty.
24 7 CERTIFIED OPERATION	Subject to environmental conditions, content and change of content, products marked as 24/7 are appropriate for 24/7 use, however please refer to NEC Operational Guidelines for exact terms of use.
16 7 CERTIFIED OPERATION	Subject to environmental conditions, content and change of content, products marked as 16/7 are appropriate for 16/7 use, however please refer to NEC Operational Guidelines for exact terms of use.
AIRFLOW MANAGEMENT	The airflow logo is an indication that the Display has advanced heat dissipation and airflow management, which is of fundamental importance to the long life and uniformity of the display.
1080P FULLHD IMAGE	The logo is used to represent that a display has a Full HD, 1920 x 1080 Image.
PORTRAIT CERTIFIED	Many NEC products can be used in both a landscape and Portrait setup where the design has been engineered to compensate for the differing heat dissipation requirements in either mode.

PRODUCT OVERVIEW 2012

DESKTOP DISPLAYS | PUBLIC DISPLAYS | PROJECTORS

This document is © Copyright 2012 NEC Display Solutions Europe GmbH. All rights are reserved in favour of their respective owners. The document, or parts thereof, should not be copied, adapted, redistributed, or otherwise used without the prior written permission of NEC Display Solutions Europe GmbH. This document is provided "as is" without warranty of any kind whatsoever, either express or implied. Errors and omissions are excepted.

NEC Display Solutions Europe GmbH may make changes, revisions or improvements in, or discontinue the supply of any product described or referenced in this document at any time without notice.

NEC Display Solutions Europe GmbH – HQ
Landshuter Allee 12-14
D-80637 München
Phone: +49 (0) 89 99 699-0
Fax: +49 (0) 89 99 699-500
infomail@nec-displays.com
www.nec-display-solutions.com

NEC Display Solutions Europe GmbH
Representative Office Austria
Mooslackengasse 17, 1190 Wien, Österreich
Phone: +43(1)23060 3685
Fax: +43(1)23060 3686
infomail@nec-displays.com
www.nec-display-solutions.at

NEC Scandinavia
AB Display Solutions Division
Ahventie 4, FIN-02170
ESPOO
Finland
Phone: +358 9 348 70204
www.nec-display-solutions.fi

NEC France S.A.S – Display Solutions Division
29 rue des Hautes Pâtures
F-92737 Nanterre Cedex, France
Phone: +33 (0) 1 46 49 46 49
Fax: +33 (0) 1 47 69 92 86
necdisplay@emea.nec.com
www.nec-display-solutions.fr

NEC Italy S.r.l. – Display Solutions Division
Viale Enrico Forlanini 23
I-20134 – Milano, Italy
Phone: +39.02.48415.1
Fax: +39.02.48414.409
info.necdisplay-it@emea.nec.com
www.nec-display-solutions.it

NEC Display Solutions Europe GmbH
Representative Office Middle East & Africa
Office 0205, 2nd Floor JAFZA View 18, Jebel Ali
Dubai, U.A.E. PO Box 262314
Phone: +971 4 88 49 452
Fax: +971 4 88 49 453
info@nec-displays.ae, www.nec-display-solutions.com

NEC Scandinavia
AB Display Solutions Division
Olaf Helsetsvei 6, NO-0621 Oslo
Norway
Phone: +47 (0) 22 62 89 95
Fax: +47 (0) 22 62 89 96
www.nec-display-solutions.no

NEC Display Solutions Europe GmbH
Representative Office Poland
ul. Bociana 22A
PL-31-231 Kraków, Poland
Phone: +48 (0) 12 614 53-53
Fax: +48 (0) 12 614 53-54
www.nec-display-solutions.pl

NEC Display Solutions Europe GmbH
Representative Office Russia
Smolenskaya square 3, Office 760
121099 Moscow, Russia
Phone: +7 495 937 84 10
Fax: +7 495 937 82 90
www.nec-display-solutions.ru

NEC Display Solutions Europe GmbH
South Africa Contact
P. O. Box 7243, Westwood, 1477
Johannesburg, South Africa
Phone: +27 (0) 11 918 6449
Fax: +27 (0) 11 894 2973
www.nec-display-solutions.co.za

NEC Iberica – Display Solutions Division
C/ Anabel Segura, 7 – Planta 2a
E- 28108 Alcobendas (Madrid)
Spain
Phone: +34 (0) 91 203 29 00
Fax: +34 (0) 91 650 11 00
www.nec-display-solutions.es

NEC Scandinavia
AB – Display Solutions Division
Kronborgsgränd 1, S-16487 Kista
Sweden
Phone: +46 (0) 10 214 86 00
Fax: +46 (0) 8 635 93 50
www.nec-display-solutions.se

NEC (UK) Ltd. – Display Solutions Division
NEC House
1 Victoria Road, London W3 6BL
United Kingdom
Phone: +44 (0) 870 120 1160
Fax : +44 (0) 208 752 3670
www.nec-display-solutions.co.uk

Document Name: NEC Product Overview
Document Revision: Edition 5, 2012
Document Date: 12/12

Empowered by Innovation NEC